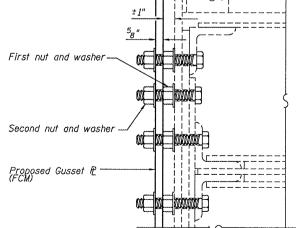


Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures" . The exterior surfaces of the existing gusset plates shall be cleaned per Power Tool Cleaning - Modified SSPC-SP3. The designated areas cleaned per Power Tool Cleaning - Modified SSPC-SP3 shall be painted according to the requirements of Paint System 2 - PS/EM/U. The color of the final finish coat shall be Gray, Munsell No 5B 7/1.

The Organic Zinc Rich Primer/Epoxy/Urethane paint system shall be used for painting of new structural steel except where otherwise noted. For gusset plate surfaces inaccessible after erection, the entire system shall be shop applied. The color of the final finish coat for all surfaces shall be gray, Munsell No. 5B 7/1. See Special Provision for "Cleaning and Painting New Metal Structures".

The Contractor shall take care to avoid exposing the threads, nuts and washers of the double-nut H.S. bolts for the gusset plate repair, as shown in Detail "A", to paint, dirt, moisture or other foreign material that may alter their as-received condition. Fastener components that accumulate rust, dirt or debris shall not be incorporated in the work unless they are requalified as specified in Section 7 of the 2004 RCSC "Specification for Structural Joints Using ASTM A325 or A490 Bolts".

DESIGNED - SDS CHECKED - FLL 7018 KINGSMILL CT WHKS & CO. SPRINGFIELD. IL DRAWN - DLH (217) 483-9457 DESIGN FIRM #184001036 ENGINEERING CHECKED - SDS



DETAIL "A" (Outside gusset & shown, inside gusset & similar) SECTION C-C

& S. Truss-

- Indicates 15 % shop drilled holes for 7 % " H.S. bolts. Contractor may elect to field drill holes.
- O Indicates 15 is 10 field drill holes for 7 in 4 H.S. bolts. Holes shall be field drilled using holes in the existing members as a template.

Work this sheet with sheets 9 thru 12 of 13.

1'-412"

SPAN 15 L10'S GUSSET P REPAIR DETAILS STRUCTURE NO. 090-0030

0000

600 3 spa. at

3" = 9"

-P 3₈" x 3'-0" x 3'-4"

Exist, lateral brace

To L10'N

** PEORIA

€ L10'S-

	SHEET NO. 13		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			669	103B-I-5	**	18	18
	13	SHEETS			CONTRACT	NO. 6	8987
1			ILLINOIS FED. AID PROJECT				